



Attorney Docket No. I0001-002003

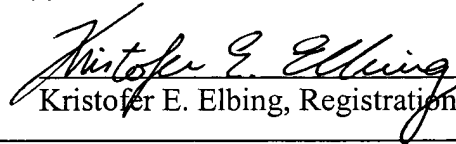
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Adam I. Pinard
Serial No.: 10/613,909
Filed: July 3, 2003
Title: PRINTING SYSTEM

Examiner: not assigned
Art Unit: 2861

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with sufficient first-class postage attached, and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 7, 2004.


Kristofer E. Elbing, Registration No. 34,590

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**STATEMENT FILED PURSUANT TO
THE DUTY OF DISCLOSURE UNDER 37 C.F.R. §§ 1.56, 1.97 and 1.98**

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants request consideration of this Information Disclosure Statement.

PART I: Compliance With 37 C.F.R. § 1.97

This Information Disclosure Statement has been filed before the mailing of a first Office Action on the merits. No fee is due.

PART II: Information Cited

Applicants hereby make of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

PART III: Remarks

A copy of all documents listed on the attached PTO-1449 form (modified) is enclosed. It is

respectfully requested that:

The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims; and

The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that a more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

The Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment, to Deposit Account No. 50-0750.

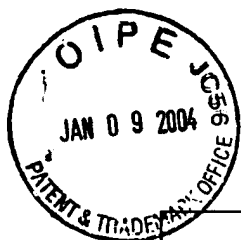
Respectfully submitted,

January 7, 2004
Dated

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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No.		I0001-002003
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR §1.98(b))				Serial No.		10/613,909
				Applicant		A. Pinard
				Filing Date		July 3, 2003
U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
	6,295,737	Oct. 2, 2001	Patton et al.	33	18.1	
	6,135,654	Oct. 24, 2000	Jennel	400	61	
	6,106,107	Aug. 22, 2000	Sheinman	347	75	
	6,102,536	Aug. 15, 2000	Jennel	347	100	
	6,003,980	Dec. 21, 1999	Sheinman et al.	347	78	
	5,969,733	Oct. 19, 1999	Sheinman	347	75	
	5,960,933	Oct. 5, 1999	Albrecht	198	689.1	
	*5,946,454	Aug. 31, 1999	Shu et al.	395	109	
	5,870,112	Feb. 9, 1999	Kang et al.	347	9	
	5,825,391	Oct. 20, 1998	Yang	347	106	
	*5,700,692	Dec. 23, 1997	Sweet	436	50	
	*5,696,593	Dec. 9, 1997	Chiba et al.	358	296	
	5,570,632	Nov. 5, 1996	Cumens et al.	101	35	
	5,534,904	July 9, 1996	Sheinman	347	75	
	5,423,617	Jun. 13, 1995	Marsh et al.	400	82	
	5,328,438	Jul. 12, 1994	Crowley	493	187	
	5,202,772	Apr. 13, 1993	Muir	358	459	
	*5,182,803	Jan. 26, 1993	Rodi et al.	395	575	
	4,999,646	Mar. 12, 1991	Trask	346	11	
	4,967,203	Oct. 30, 1990	Doan et al.	346	1.1	
	4,965,593	Oct. 23, 1990	Hickman	346	140	
	4,963,882	Oct. 16, 1990	Hickman	346	1.1	
	*4,942,462	Jul. 17, 1990	Shiota	358	76	
	4,800,396	Jan. 24, 1989	Hertz	346	1.1	
	4,748,453	May 31, 1988	Lin et al.	346	1.1	
	*4,667,830	May 26, 1987	Nozaki, Jr. et al.	209	3.1	
	*4,620,198	Oct. 28, 1986	Behun	346	75	
	*4,598,299	Jul. 1, 1986	Koike et al.	346	75	
	*4,562,442	Dec. 31, 1985	Jinnai et al.	346	75	
	*4,525,721	Jun. 25, 1985	Crean	346	1.1	
	*4,467,366	Aug. 1984	Bobick et al.	347	3X	



	*4,424,518	Jan. 3, 1984	Suzuki et al.	346	75	
	*4,424,518	Jan, 1984	Suzuki et al.	347	41	
	*4,395,716	Jul. 1983	Crean et al.	347	41X	
	*4,384,295	May 17, 1983	Lewis et al.	346	75	
	*4,364,057	Dec. 14, 1982	Ebi et al.	346	75	
	*4,321,607	Mar. 23, 1982	Heibein et al.	346	75	
	*4,314,258	Feb. 2, 1982	Donahue et al.	346	75	
	*4,085,409	Apr. 18, 1978	Paranjpe	346	75	
	*4,069,485	Jan. 17, 1978	Martin	346	78	
	*4,065,773	Dec. 27, 1977	Berry	346	75	
	*4,051,485	Sept. 27, 1977	Yamada	346	75	
	3,977,007	Aug. 1976	Berry et al.	347	15	
	*3,972,052	July 27, 1976	Atumi et al.	337		
	*3,928,718	Dec. 23, 1975	Sagae et. al.	178	6.6	
	*3,895,386	July 15, 1975	Keur et al.	346	1	
	*3,828,354	Aug. 6, 1974	Hilton	346	1	
	*3,827,057	July 30, 1974	Bischoff et al.	346	75	
	*3,723,646	Mar. 1973	Behane et al.	347	74X	
	*3,596,275	July 27, 1971	Sweet	346	75	
	*3,562,757	Feb. 9, 1971	Bischoff	346	1	
	*3,373,437	Mar. 12, 1968	Sweet et al.	346	75	
	*3,298,030	Jan 10, 1967	Lewis et al.	346	75	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	DE 3526769	Jan. 29, 1987	Germany	B41M		no
	GB 2335885	Oct. 6, 1999	Great Britain	B41M		
	JP 7052525A	Feb. 28, 1995	Japan	B41M		abstract
	JP 5318715	Dec. 3, 1993	Japan			yes
	JP 5293955 A	Nov. 9, 1993	Japan	B41J		abstract
	JP 60052356 A	Mar. 25, 1985	Japan			yes
	JP 60107975	June 13, 1985	Japan			yes
	JP 2001315316 A	Nov 13, 2001	Japan	B41J		abstract
	WO 97/42034	Nov. 13, 1997	WIPO	B41J		
	WO 97/27053	July 31, 1997	WIPO	B41F		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

	*Ghouse, "Simulation of a Nonlinear Fluid System Servo for Drop Flighttime Control in an Ink-Jet Printer," Proceedings of the 1978 Summer Computer Simulation Conference, abstract, 1978
	*Heinzl and Hertz, "Ink-Jet Printing," Advances in Electronics and Electron Physics, Vol. 65, pp. 91-171, 1985



	*IBM Journal of Research and Development, Vol. 21, No. 1, pp. 1-96, January 1997
	*Samuelson, "Ink Jet Printing of Color Images, Dither Matrix and Halftone Methods," Department of Electrical Measurements, Lund Institute of Technology, pp. 58-59, August, 1985.
EXAMINER	DATE CONSIDERED
<p>EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.</p> <p>* A copy of this reference is not provided as it was previously cited by or submitted to the Office in one or more prior applications, including Serial No. 09/041,211, filed on March 12, 1998, and Serial No. 09/689,370 filed October 12, 2000, respectively, relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).</p>	